

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/000401

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D417/04 C07D417/14 A61K31/4439

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/004467 A (AGOURON PHARMACEUTICALS, INC; CHU, SHAO, SONG; ALEGRIA, LARRY, ANDREW;) 16 January 2003 (2003-01-16)	1,3-5,7,9-14
Y	page 3, line 26 - page 8, line 13; examples A1-A4,A8,A9; table 1	2,6,8
A	WO 03/062215 A (KYLIX PHARMACEUTICALS B.V; STIEBER; FRANK; HELLMUTH, KLAUS; WALDMANN,) 31 July 2003 (2003-07-31)	1-14
	page 7, line 1 - page 9, line 25	
P,X	WO 2005/000298 A (TRIAD THERAPEUTICS, INC; DONG, QING; PIERRE, FABRICE; WANG, JIANQIANG) 6 January 2005 (2005-01-06)	1-14
	page 2, line 26 - page 6, line 19; examples 3-5,13,14	
	-/-	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

23 May 2005

Date of mailing of the international search report

08/06/2005

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PCT/IB2005/000401

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,Y P,A	WO 2004/014903 A (AB SCIENCE; CIUFOLINI, MARCO; WERMUTH, CAMILLE; GIELTHEN, BRUNO; MOUSS) 19 February 2004 (2004-02-19) page 3, line 14 - page 5, line 21	2,6,8 1,3-5,7, 9-14
X	----- DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002328977 Database accession no. BRN: 260633 abstract & YAKUGAKU ZASSHI, vol. 75, 1955, page 1082,	1
X	----- DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002328978 Database accession no. BRN: 7227176 abstract & J. INDIAN CHEM. SOC., vol. 71, no. 4, 1994, pages 205-208,	1
X	----- DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002328979 Database accession no. BRN: 5076163 abstract & INDIAN J. CHEM. SECT. B, vol. 26, no. 1-12, 1987, pages 856-860,	1
X	----- DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; XP002328980 Database accession no. BRN: 3761233 abstract & YAKUGAKU ZASSHI, vol. 75, 1955, page 1077,	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2005/000401

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 03004467	A	16-01-2003	CA	2452609 A1		16-01-2003
			EP	1438046 A2		21-07-2004
			MX	PA04000069 A		21-05-2004
			WO	03004467 A2		16-01-2003
			US	2003225147 A1		04-12-2003
WO 03062215	A	31-07-2003	US	2003158199 A1		21-08-2003
			CA	2474322 A1		31-07-2003
			WO	03062215 A1		31-07-2003
			EP	1467981 A1		20-10-2004
WO 2005000298	A	06-01-2005	US	2004254236 A1		16-12-2004
			WO	2005000298 A2		06-01-2005
WO 2004014903	A	19-02-2004	AU	2003253195 A1		25-02-2004
			CA	2494695 A1		19-02-2004
			EP	1525200 A1		27-04-2005
			WO	2004014903 A1		19-02-2004
			US	2004110810 A1		10-06-2004